



MISSOURI STATE EMERGENCY MANAGEMENT AGENCY

STATE WATCH CENTER

Current Conditions

Last Update 07:29 3/20/2023

www.sema.dps.mo.gov



@MoSEMA_



MissouriSEMA

Email: MOSEMA@sema.dps.mo.gov

Phone: 573-526-9100

Toll-Free: 800-298-6289

Daily Weather Situational Awareness Report



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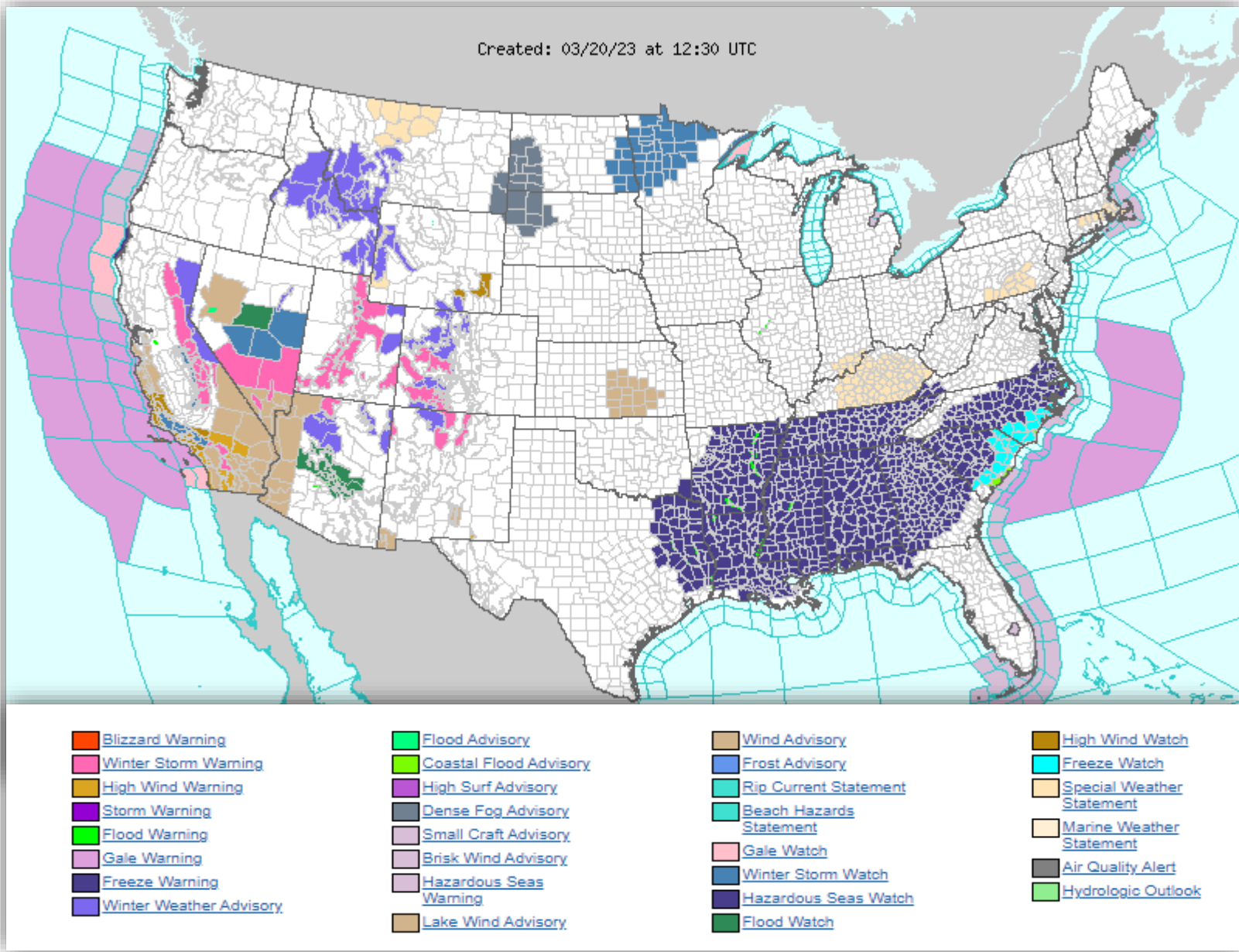
The SEMA Watch Center is monitoring current weather threats for Missouri.

Status: YELLOW

NATIONAL WATCHES, WARNINGS, & ADVISORIES



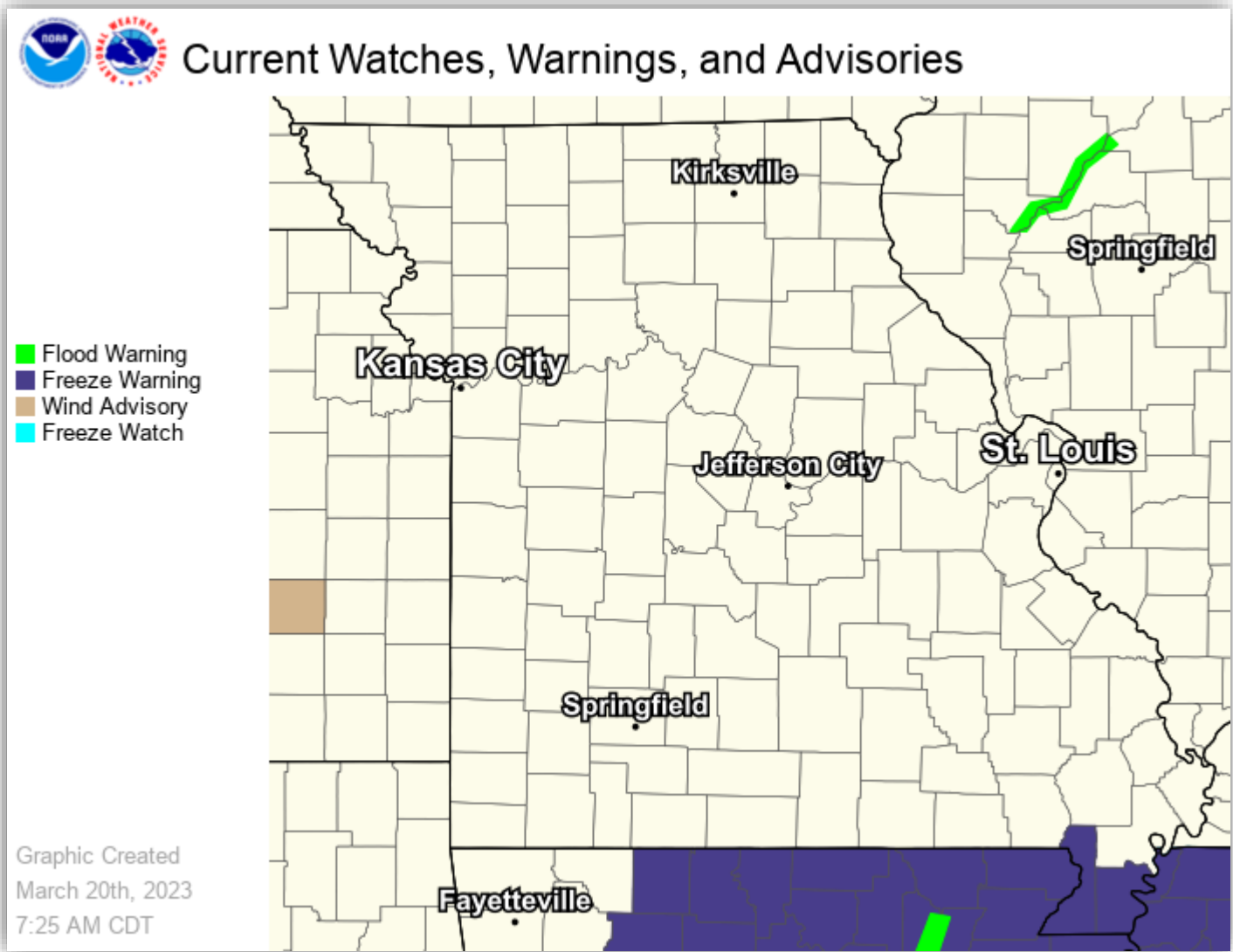
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STATE WATCHES, WARNINGS, & ADVISORIES



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STATE WATCHES, WARNINGS, & ADVISORIES



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Hazardous Weather Outlook

- **Springfield:** Limited non thunderstorm wind risk.
- Significant fire weather risk.
- Dry air and gusty winds will lead to more widespread elevated fire weather potential today (with some patchy significant fire weather potential). Relative humidities in the 20-30% range (east of Hwy 65) and 30-40% range (west of Hwy 65) are expected.
- Additionally, breezy winds will gust up to 25-40 mph, with the higher end of that range mainly west of Hwy 65.
- **St. Louis:** Low humidity and breezy winds will support an elevated fire danger this afternoon, meaning that outdoor fires may be more difficult to contain than usual.
- **Kansas City:** Warm temperatures, low relative humidity, and strong southwest winds gusting 30-40 mph will result in elevated fire weather concerns today.

Days Two Through Seven

- **Springfield:** Rain chances will increase midweek with thunderstorms possible later in the week.
- **St. Louis:** There is a chance of thunderstorms across portions of the area on Wednesday, Thursday, and Friday.
- **Kansas City:** Thunderstorms are expected Wednesday night into Thursday. Large hail will be possible with the strongest storms.

Watches, Warnings & Advisories

- There is a Freeze Warning in effect for Dunklin and Pemiscot Counties in Missouri.



Coronavirus Disease 2019 (COVID-19) Information

Show Me Strong Recovery: Public Health *The next phase in Missouri's response*

For more information on the next phase in Missouri's response visit:

<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus/>





Pandemic Response

Before April 1, 2022



Endemic Surveillance

As of April 1, 2022



Dashboard Reporting Frequency

Daily Reporting (Sunday - Saturday)



Data & Metrics

Emphasis on individual case reporting & developing new data connections



Vaccine, Testing & Therapeutics

Provided for free to citizens through the federal government to mitigate disease spread & impact



Case Data Publication

Cases and 7-day total, as well as local & statewide positivity rates, published by the state



Contact Tracing

Universal case investigation & contact tracing



PPE Warehouse

Established Missouri PPE warehouse



Information

COVID-19 hotline and website resources including MOStopsCovid.com

Dashboard Reporting Frequency

Reduced Reporting (Weekly)



Data & Metrics

Emphasis on tracking COVID-19 disease severity through hospital surveillance & preserving data flows



Vaccine, Testing & Therapeutics

Continues as long as federal resources persist, but will shift to traditional health care delivery over time



Case Data Publication

Total cases for last 7 days published once per week by the state



Contact Tracing

Encouraged at local level for vulnerable populations



PPE Warehouse

Maintain PPE supplies for emergency preparedness







Information

COVID-19 hotline and website resources including MOStopsCovid.com



How to Wear Your Mask

DO choose masks that	DO NOT choose masks that
 <p>Have two or more layers of washable, breathable fabric</p>	 <p>Are made of fabric that makes it hard to breathe, for example, vinyl</p>
 <p>Completely cover your nose and mouth</p>	 <p>Have exhalation valves or vents, which allow virus particles to escape</p>
 <p>Fit snugly against the sides of your face and don't have gaps</p>	 <p>Are intended for healthcare workers, including N95 respirators or surgical masks</p>
Special Situations: Children	Caution: Gaiters & Face Shields
 <p>If you are able, find a mask that is made for children</p>	 <p>Evaluation is on-going but effectiveness is unknown at this time</p>
 <p>If you can't find a mask made for children, check to be sure the mask fits snugly over the nose and mouth and under the chin</p>	 <p>Evaluation is on-going but effectiveness is unknown at this time</p>
 <p>Do NOT put on children younger than 2 years old</p>	

How to Select, Wear, and Clean Your Mask

CDC recommends that you wear masks in public settings around people who don't live in your household and when you can't stay 6 feet away from others. Masks help stop the spread of COVID-19 to others.

- Wear masks with two or more layers to stop the spread of COVID-19
- Wear the mask over your nose and mouth and secure it under your chin
- Masks should be worn by people two years and older
- Masks should NOT be worn by children younger than two, people who have trouble breathing, or people who cannot remove the mask without assistance. Do NOT wear masks intended for healthcare workers, for example, N95 respirators

MO Department of Agriculture on Avian Influenza



Highly Pathogenic Avian Influenza Confirmed in Missouri Poultry Flock

Federal officials have confirmed highly pathogenic avian influenza (HPAI) in a chicken flock in Webster County, MO.

MO saw 10 positive HPAI cases earlier in 2022: six commercial farms and four backyard flocks– impacting nearly 435,000 birds.

All poultry producers are encouraged to tighten their biosecurity practices around the farm. Producers should prevent contact between their birds and wild birds; report sick birds or unusual increase in death loss to a local veterinarian.

Click on the link to access the Biosecurity Guidelines →

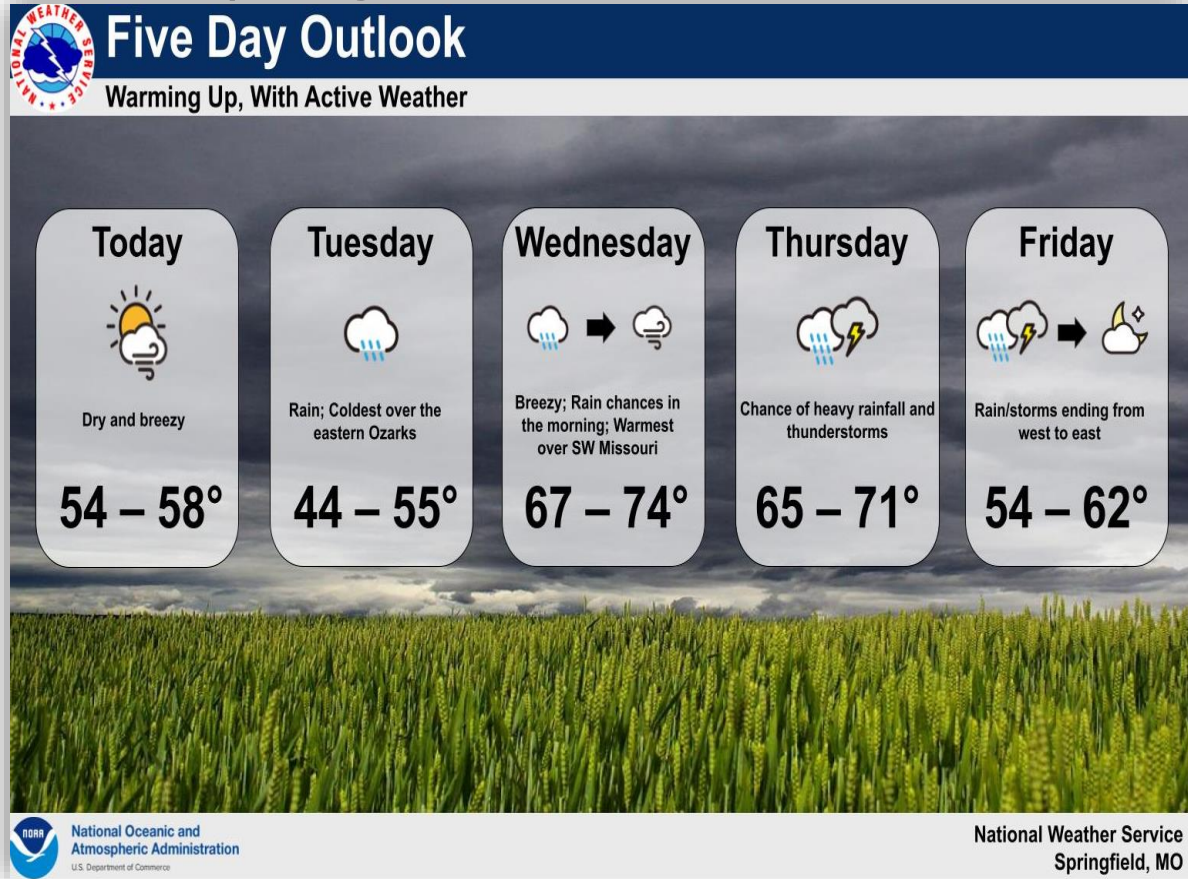


Contact the MDA Animal Health Division to report sick birds at (573) 751-3377.

Visit this website for more information on Avian Flu; Click on the flyer link for a complete list of Biosecurity Guidelines:
<https://agriculture.mo.gov/avian-influenza.php>

WEATHER STORY

NWS Springfield



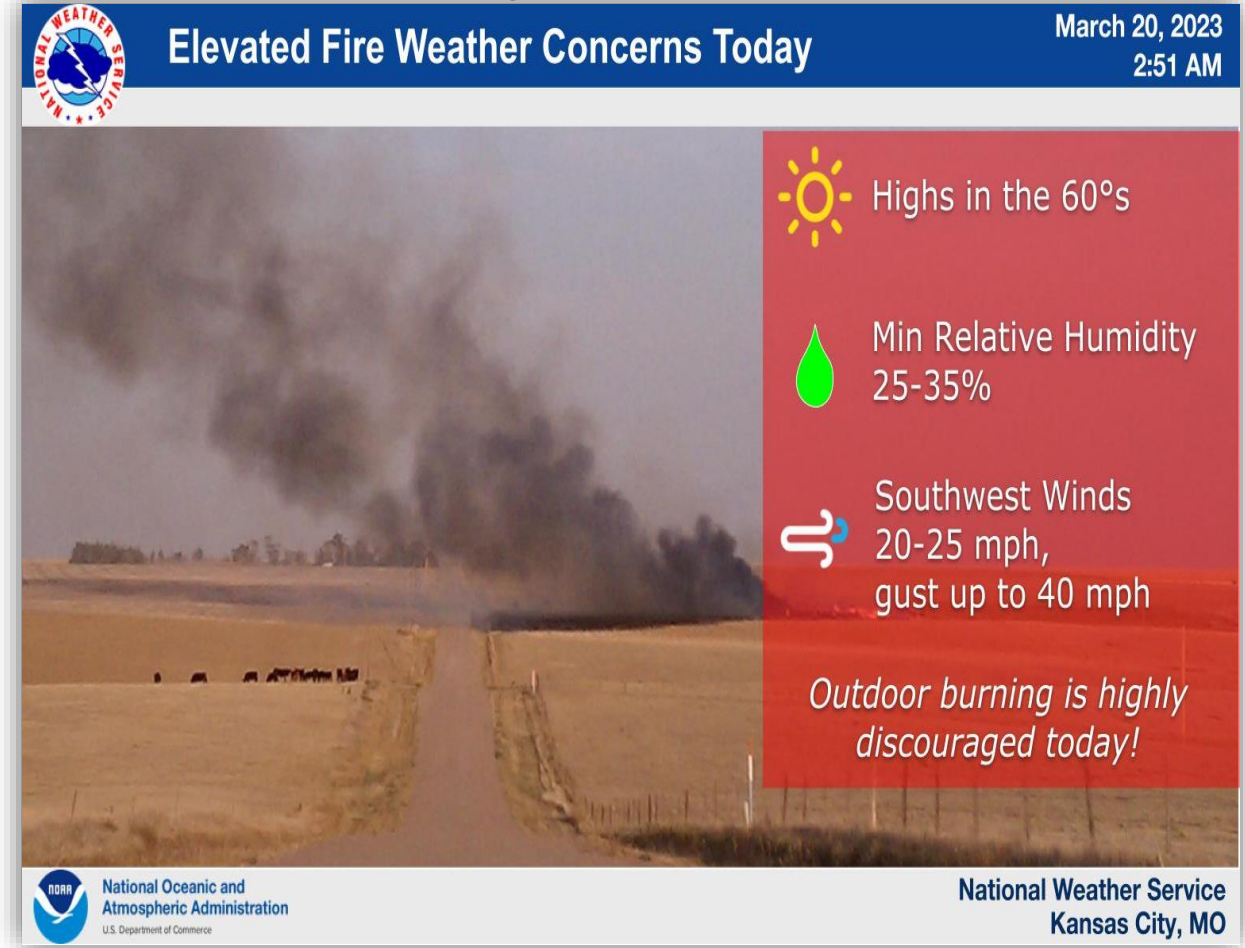
Warmer temperatures are expected this week, with breezy conditions through at least midweek. Active weather is expected throughout the week, with a late week system bringing chances of heavy rainfall and thunderstorms.

3/20/2023



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NWS Kansas City



Warm temperatures, low humidity, and gusty southwest winds will create conditions favorable for fire growth. Outdoor burning is highly discouraged.

WEATHER STORY

NWS St. Louis

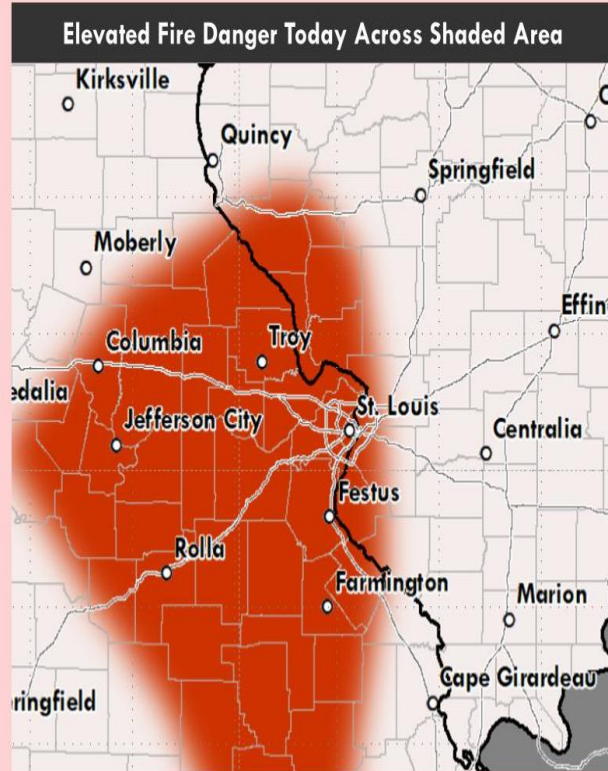
Don't Burn Today



Elevated Fire Danger Today

Dry air and strong wind means fires could get out of control easily

- ✓ Avoid outdoor burning
- ✓ Properly extinguish cigarette butts and other flames
- ✓ Avoid stopping or parking vehicles on dry vegetation



 NWS St. Louis

03/20/2023 3:34 AM
weather.gov/lx @NWSStLouis

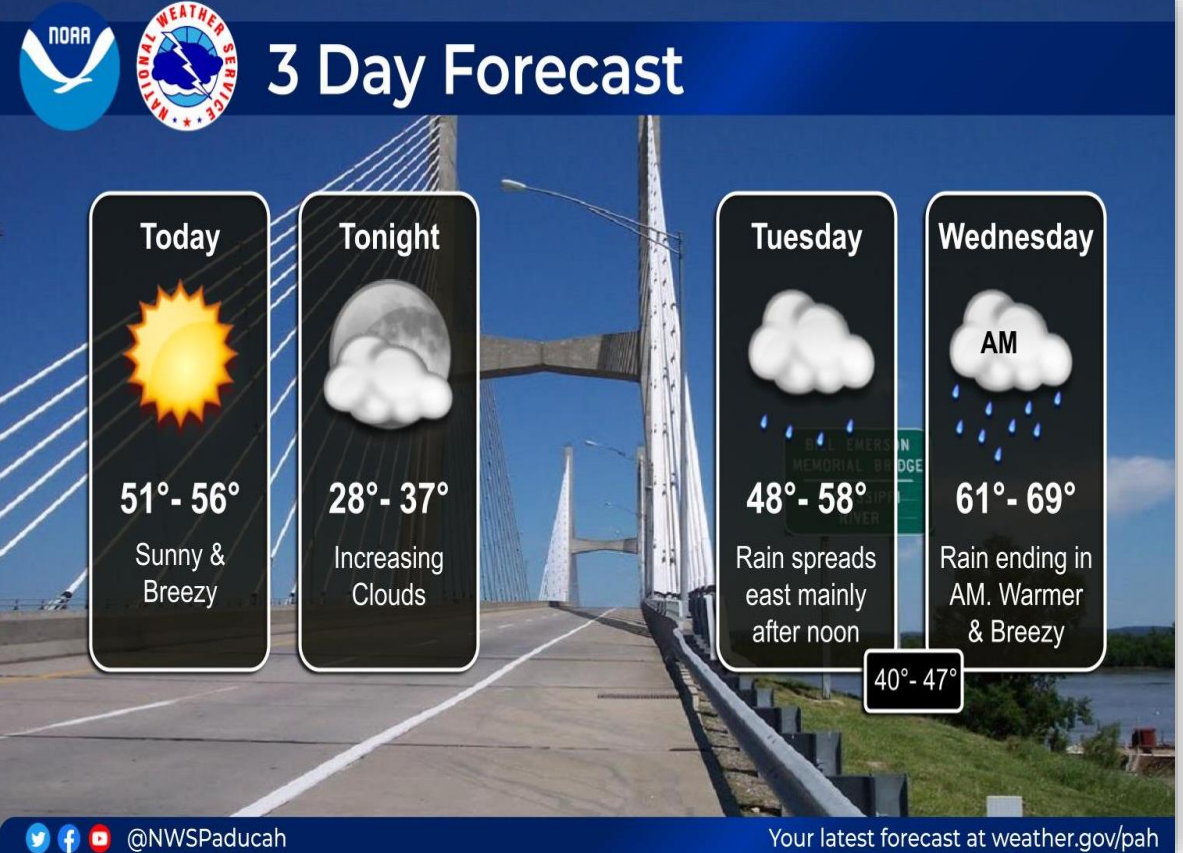
Dry and windy conditions will lead to elevated fire danger this afternoon across areas of eastern Missouri and far western Illinois, which means that fires can grow out of control more easily. Make sure all open flames are extinguished and avoid purposeful burning today!

3/20/2023



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NWS Paducah



After a cold weekend, today will be sunny, breezy, and much warmer. Highs will be in the lower to middle 50s, which is still several degrees below normal. Rain will spread east across the region Tuesday mainly in the afternoon. The rain will end from the south Wednesday morning. Wednesday will end up much warmer with highs in the 60s. Gusty south winds will aid in the warm up.

WEATHER STORY

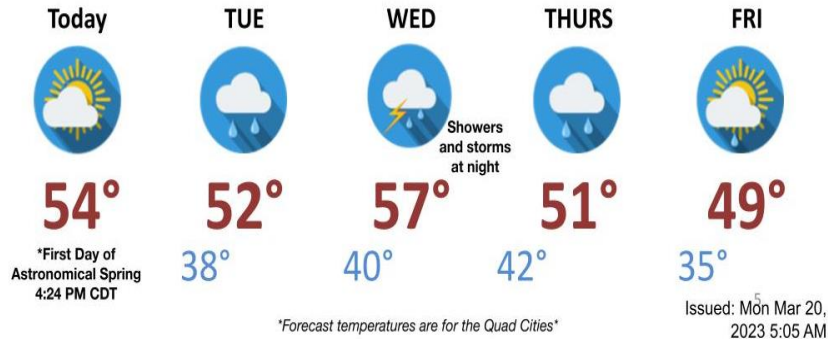
NWS Quad Cities, IA/IL



Work Week Outlook

An **active weather pattern** is expected this week as a warm front sets up across Iowa and Illinois. There are occasional chances for rain Tuesday through Thursday, with a **chance for thunderstorms** Wednesday night. Temperatures will cool down by late week behind a cold front.

NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION Quad Cities



Above normal temperatures are expected through the middle of the week. There are occasional chances for rain Tuesday through Thursday, and even a chance for thunderstorms Wednesday night. A cold front will bring a return to cooler temperatures late in the week.

3/20/2023



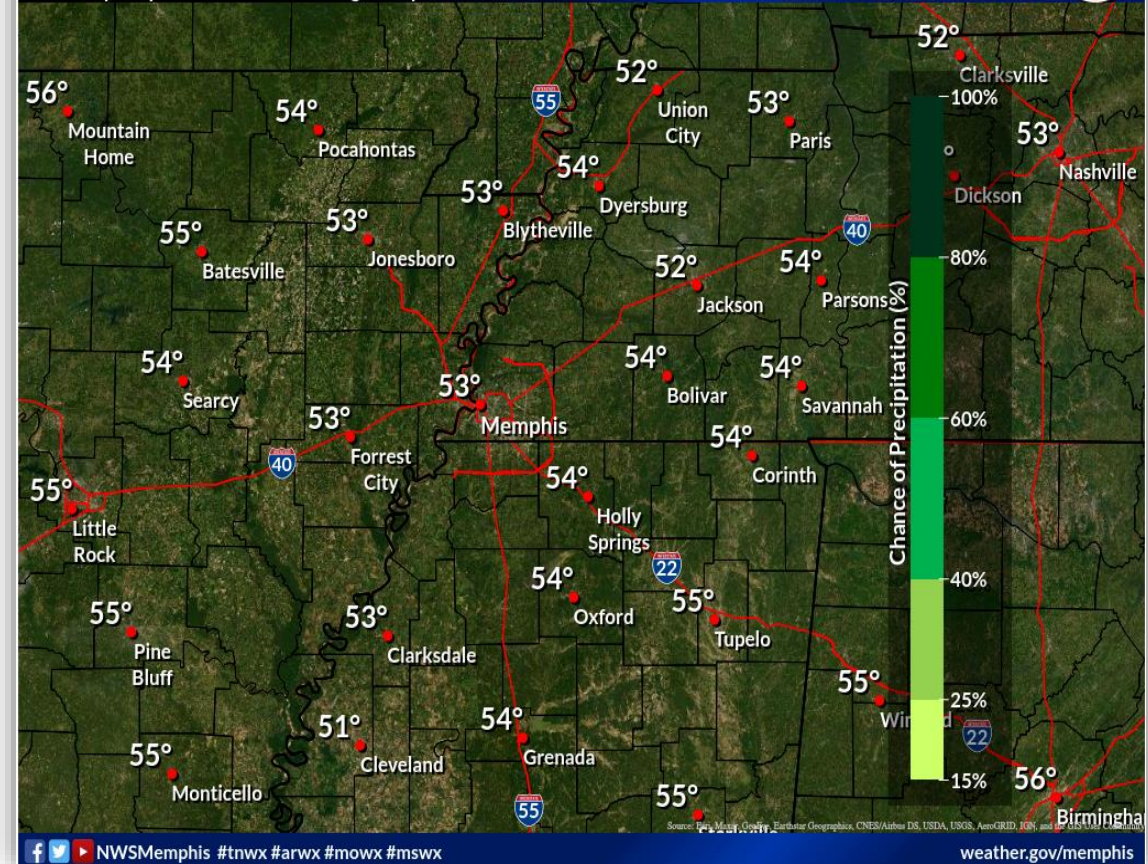
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NWS Memphis

Today's Forecast

Forecast precipitation chances and high temperatures

Weather Forecast Office
Memphis, TN
Issued Mar 20, 2023 4:31 AM CDT



A Freeze Warning is in effect for all of the Mid South this morning. Any unprotected vegetation may become damaged.

MISSOURI DEPARTMENT OF TRANSPORTATION

Current Road Condition
As of 0747 hours 3/20/2023



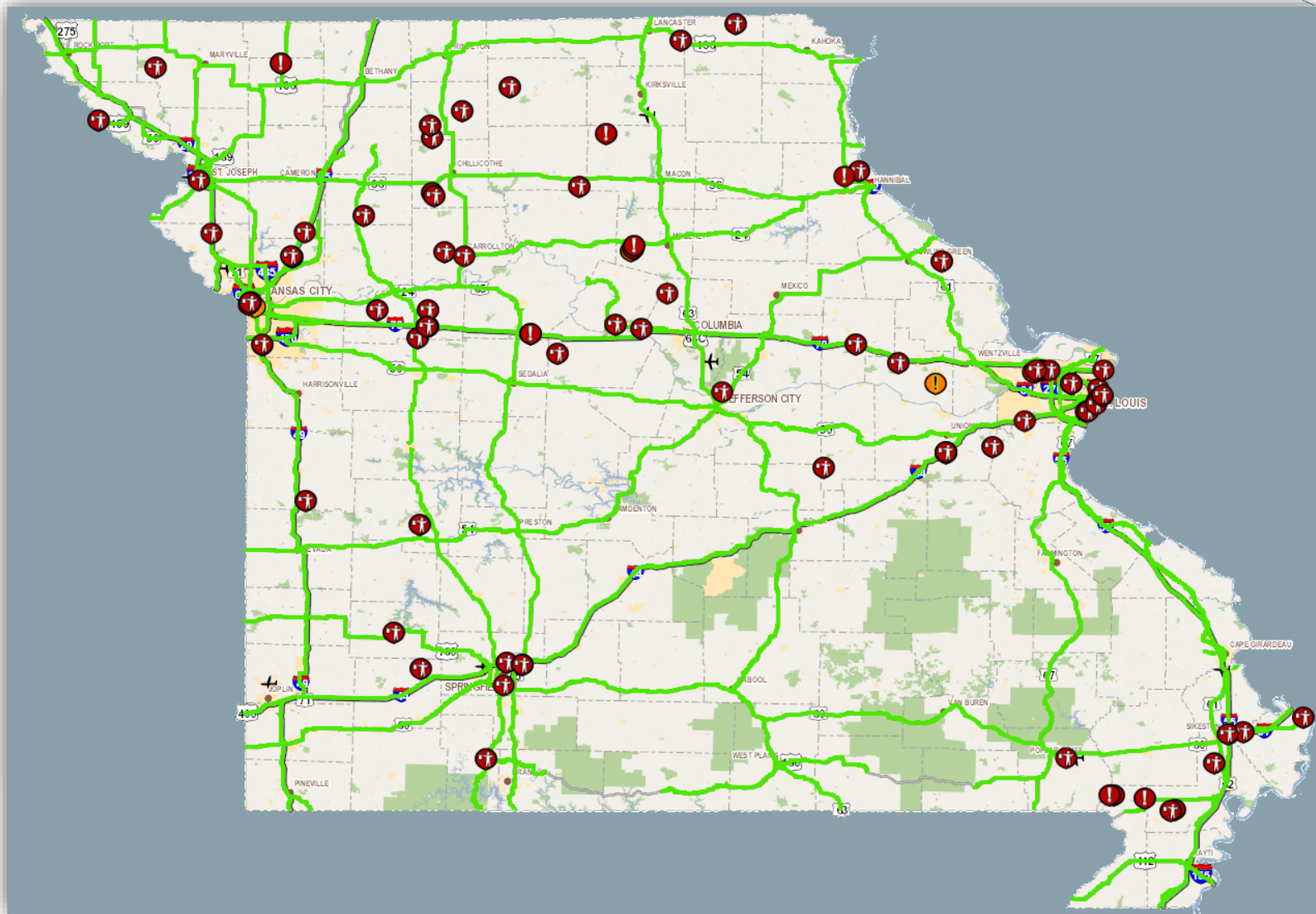
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Incident
☒ Closed
☒ Expect Delays
☒ Possible Delays

Flooding
☒ Closed
☐ Expect Delays

Work Zone
☒ Closed
☐ Expect Delays
☐ Possible Delays
☐ Future Work

Planned Event
☒ Closed
☐ Expect Delays
☐ Possible Delays



Winter Weather
☒ Closed
☒ **Road Conditions**
 Closed
 Covered
 Partly Covered
 Mostly Clear
 Clear

Traffic
Traffic Bypass Route
(Does Not Apply to OSOW)

☐ **Real-time Traffic**
 Slow
 Medium
 Normal
☐ Traffic Camera

ELECTRIC COOPERATIVE OUTAGES

As of 0747 hours 3/20/2023



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Cooperative	Outages	Cooperative	Outages	Cooperative	Outages	Cooperative	Outages
Atchison-Holt		Crawford		Macon		Sac Osage	
Barry		Cuivre River		Missouri Rural		Se-Ma-No	
Barton Co		Farmers		N Central Mo		SEMO	
Black River		Gascosage	11	New-Mac		Southwest	
Boone		Grundy		Osage Valley		Three Rivers	
Callaway		Howard		Ozark Border		Tri County	
Central MO	1	Howell-Oregon		Ozark Electric		United	
Citizens		Intercounty		Pemiscot-Dunklin		Webster	
Co-Mo		Laclede		Platte-Clay		West Central	
Consolidated		Lewis Co		Ralls Co		White River Valley	

ELECTRIC SYSTEM OUTAGES

As of 0748 hours
3/20/2023



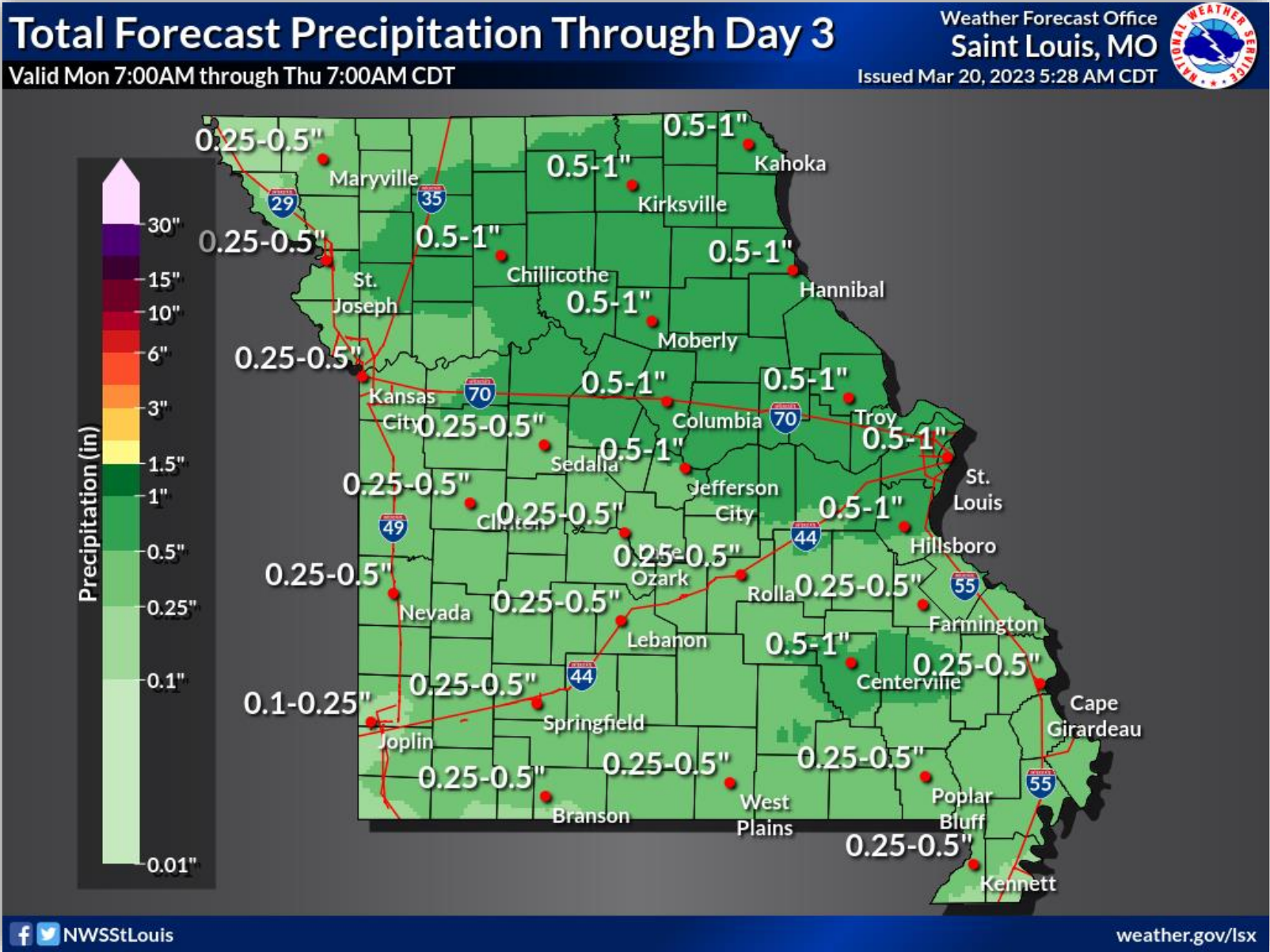
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System	Outages	Customers
AmerenUE https://outagemap.ameren.com/	51	1,218,131
City of Columbia https://experience.arcgis.com/experience/cc2a91d460b940e89ba1f408471eda53	0	50,900
Liberty Utilities https://myaccountcentral.libertyenergyandwater.com/portal/outeroutage.aspx	0	170,158
Greater KCMO Evergy https://outagemap.evergy.com/	4	1,620,510
City of Springfield https://myaccount.cityutilities.net/portal/outeroutage.aspx	0	115,000

POTENTIAL RAINFALL



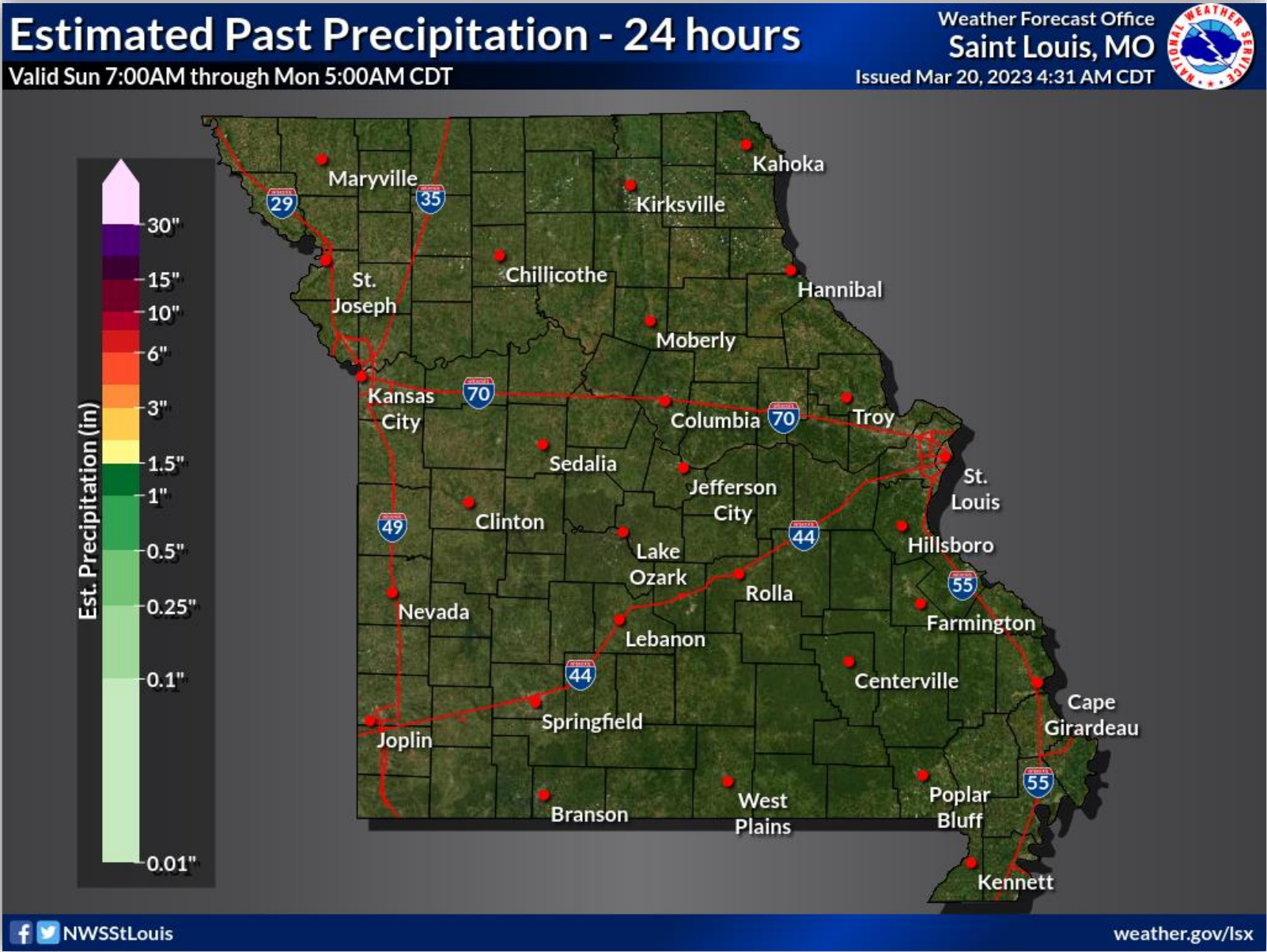
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PRECIPITATION - LAST 24 HOURS



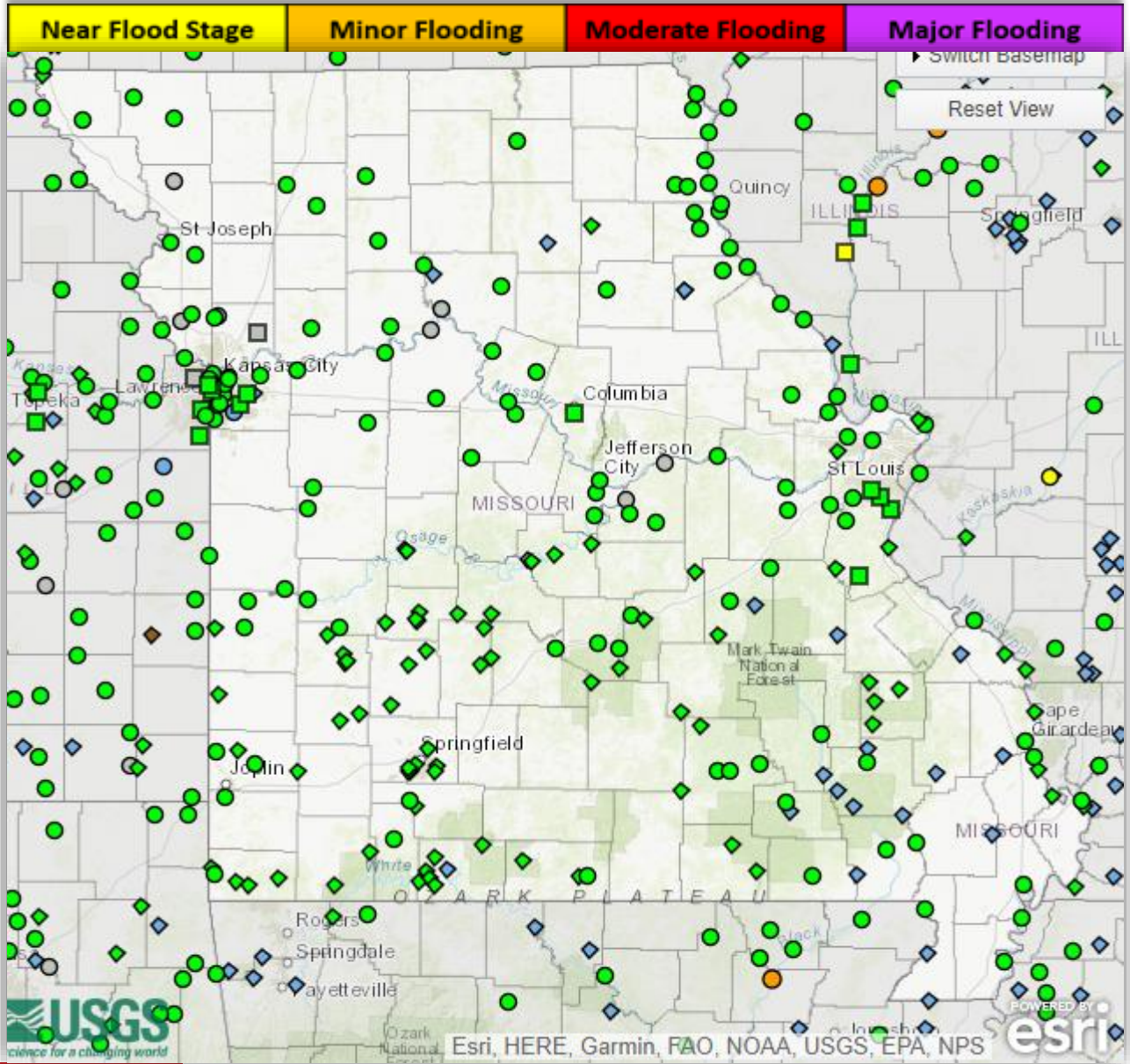
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CURRENT FLOODING – NEAR OR ABOVE FLOOD STAGE



Most Recent Flood Details:
No Major Flooding.
No Moderate Flooding.



FLOODING FORECAST – 10 DAY

Current warnings can be viewed at:
<https://alerts.weather.gov/cap/mo.php?x=1>

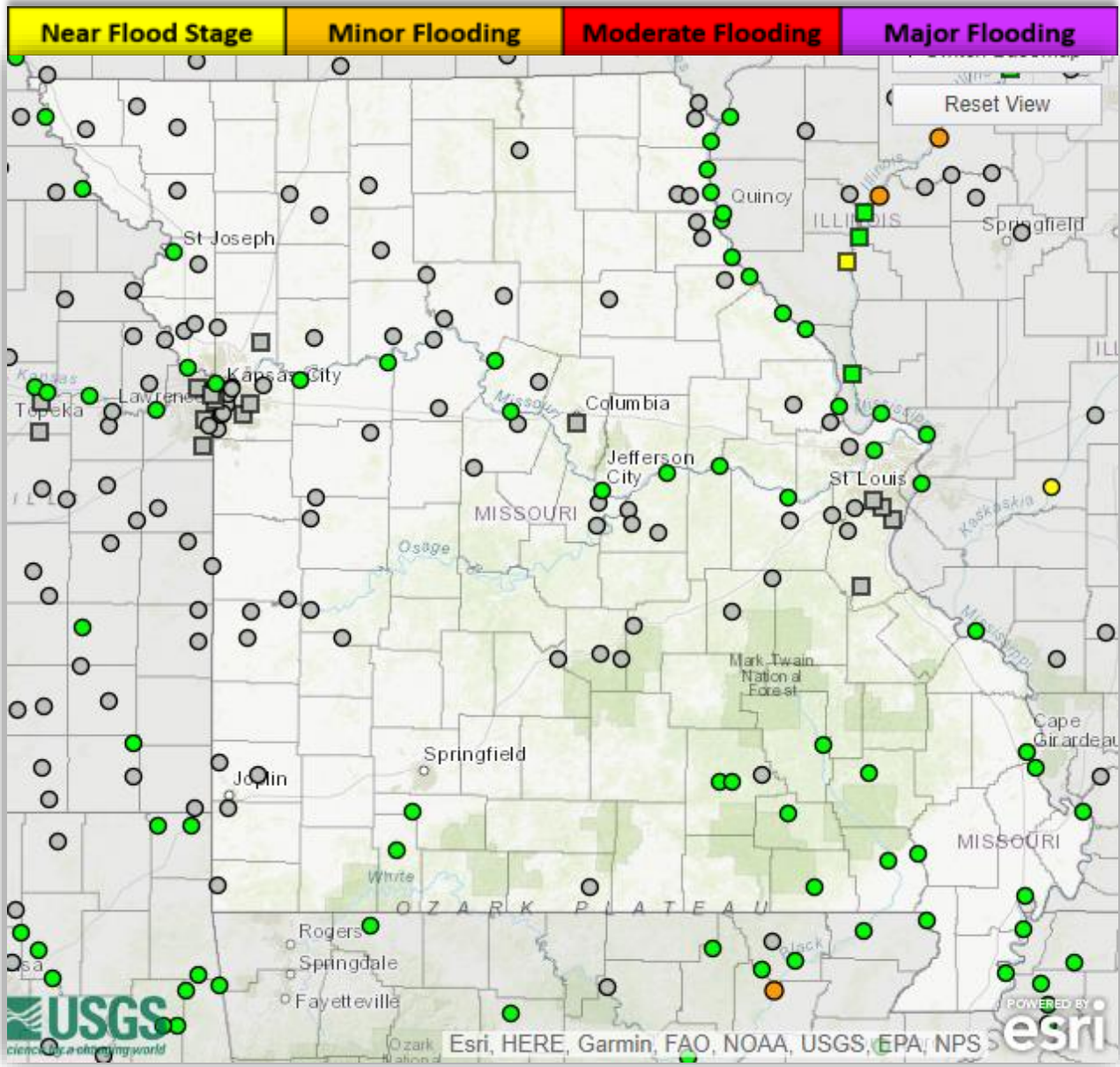


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Most Recent Flood Details:

No Major Flooding.

No Moderate Flooding.



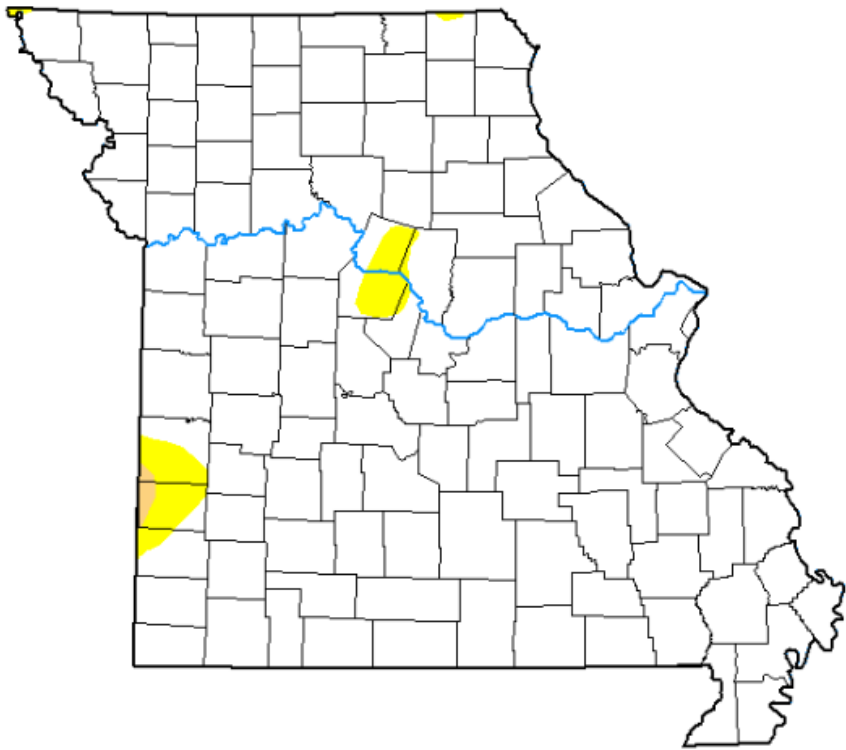
DROUGHT MONITOR



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U.S. Drought Monitor Missouri

March 14, 2023
(Released Thursday, Mar. 16, 2023)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	97.37	2.63	0.21	0.00	0.00	0.00
Last Week 03-07-2023	96.92	3.08	0.22	0.00	0.00	0.00
3 Months Ago 12-13-2022	24.60	75.40	35.51	5.54	0.22	0.00
Start of Calendar Year 01-03-2023	50.31	49.69	12.51	1.61	0.00	0.00
Start of Water Year 09-27-2022	18.48	81.52	56.59	15.39	4.83	1.92
One Year Ago 03-15-2022	63.81	36.19	2.20	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. For more information on the
Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Brad Rippey
U.S. Department of Agriculture

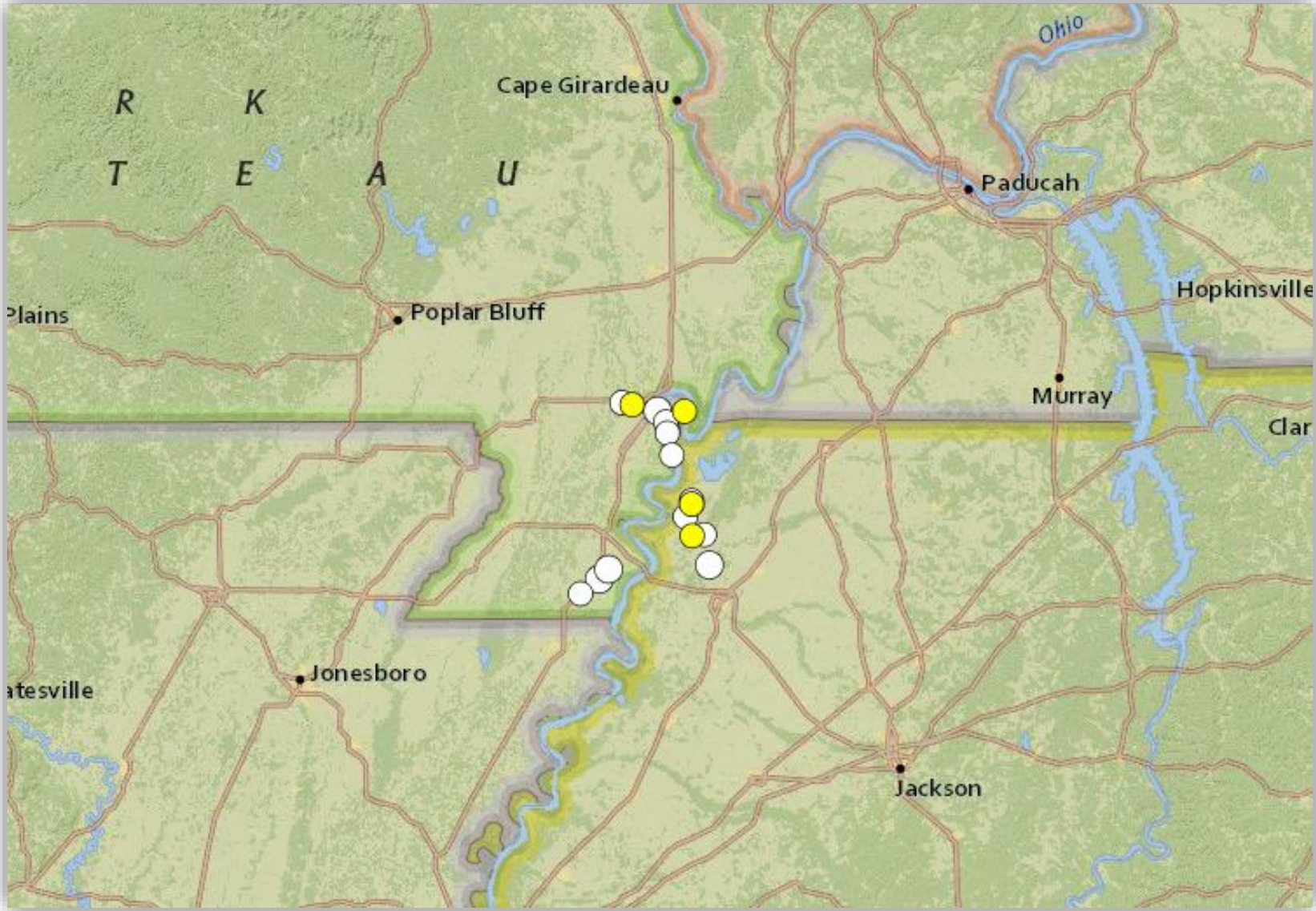


droughtmonitor.unl.edu

MISSOURI RECENT EARTHQUAKES – Last 30 Days



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1.9	6 km SSE of Ridgely, Tenness...	2023-03-15 23:42:42 (UTC)	8.1 km
1.1	null	2023-03-15 18:29:43 (UTC)	5.6 km
1.7	southeastern Missouri	2023-03-15 02:32:17 (UTC)	6.6 km
1.7	Quarry Blast 5 km ESE of Owa...	2023-03-14 20:42:58 (UTC)	0.0 km
1.3	Quarry Blast 9 km S of Owass...	2023-03-14 19:46:51 (UTC)	0.0 km
1.8	7 km SSE of New Madrid, Mis...	2023-03-14 13:55:03 (UTC)	7.3 km
1.3	3 km NNE of Ridgely, Tenness...	2023-03-13 05:31:02 (UTC)	5.6 km
<div><div>Magnitude</div><div>Age (past)</div></div>			
<div><div>0 ○○○○○○ 7+</div><div>Hour Day Week Month Older</div></div>			

MISSOURI TASK FORCE 1 (MO-TF1) URBAN SEARCH & RESCUE RESOURCE AVAILABILITY



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Modular Response Capabilities

- Rescue
 - Structural Collapse
 - Technical Rescue (Ex: Trench, Rope, Confined Space)
- Wide Area Search
- Water Rescue
 - Swift Water
 - Floods & Moving Water
- Canine Search (K-9)
- Hazardous Material
- Command Element
- Single or Other Resource also available upon request
Ex: Incident Management Personnel, Plans Section Chief, Ops Section Chief, Logistics Section Chief, etc.

TASK FORCE Configuration				Status
Type 1 (80 person task force/24 hr. Operational Capability)				
Type 2 (80 person task force/24 hr. Operational Capability, minus CBRNE element)				
Type 3 (40 person task force/12 hr. Operational Capability)				
Type 4 (25 person task force/12 hr. Operational Capability)				
Deployed	Fully Mission Capable	Partially Mission Capable	Not Mission Capable	



MO Disaster Medical Assistance Team 1 (MO DMAT-1)
MO Mortuary Operations Response Team 1 (MO MORT-1)
Resource Availability



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MO Disaster Medical Assistance Team 1
(MO DMAT 1)

Medical Response

- Field Hospital – 6 and 24 bed capability
- Medical Strike Teams
- Augment Hospital Staffing

Logistics Support

- Medical Supplies
- Setup of DMAT Cache
- Mobile Communications

Command Element

MO DMAT 1		Status
Six bed ER 12 person/24 hours/3 days		
Type II team 35 person/24 hours		
Fully Mission Capable	Partially Mission Capable	Not Mission Capable

MO Mortuary Operations Response Team
(MO MORT 1)

Mortuary Response

- Full Disaster Portable Morgue (DPMU)
- Fatality Strike Team for Local Coroner Support
- Victim Identification Center (VIC)

MO MORT 1		Status
Type II team 80 members/12 hour		
Fully Mission Capable	Partially Mission Capable	Not Mission Capable



MISSOURI STATE EMERGENCY MANAGEMENT AGENCY

SEMA's mission is to help our fellow Missourians prepare for, respond to and recover from all emergencies. Each step will be guided by our core values of **respect, integrity, trust, honesty and compassion.**

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